

**MONTANA STATE AVIATION SYSTEM PLAN  
1995 UPDATE  
FIELD INSPECTION FORM**

AIRPORT:	DAWSON COMMUNITY (GDV)	AIRPORT REFERENCE CODE:	B-II (SM)
CITY:	GLENDIVE	APPROACH TYPE:	VISUAL
CONTACT:	LEON BAKER	DATE INVENTORIED:	1-16-96
PHONE #:	365-5528	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
<b>RUNWAY 2/20 INVENTORY</b>				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	130'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	N/A		N/A
RUNWAY WIDTH:	60'	60'		✓
RUNWAY LENGTH:	4,770 (1)		3,000'	<75%
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(2)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1.5"		✓
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
<b>RUNWAY 2 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,453.8	N/A
<b>RUNWAY 20 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,452.0	N/A
<b>RUNWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
<b>THRESHOLD 2</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10		✓
COLOR:	RED/GREEN	RED/GREEN		✓
<b>THRESHOLD 20</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

**COMMENTS:**

(1) R/W LENGTH OF 3,350' FOR 75%, 4,100 FOR 95% AND 4,630 FOR 100% COVERAGE; ALP ULT OF 4,100' SHOWN

(80% OF PRIMARY RUNWAY LENGTH IS 4,560' - DOES NOT COMPLY)

(2) 8' BRUSH 140' NORTH OF CL IN TRANSITIONAL SURFACE (35%)

NOTE: NO TURNAROUNDS AT RUNWAY ENDS

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CITY:	GLENDIVE	APPROACH TYPE:	NPI
CONTACT:	LEON BAKER	DATE INVENTORIED:	1-16-96
PHONE #:	365-5528	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
<b>RUNWAY 12/30 INVENTORY</b>				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	200'	153',154',214'		NO
PARALLEL TAXIWAY FROM CENTERLINE:	240'	200'(1),670'		NO
AIRCRAFT PARKING FROM CENTERLINE:	250'	690'+		✓
RUNWAY WIDTH:	75'	100'		✓
RUNWAY LENGTH:	9,150 (2)		5,704'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	(4)		NO
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	(3),(4) & (6)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	400' WIDE x 200'	BEYOND		(4)
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH - 1"		OK
PAVEMENT MARKING TYPE:	NPI / VIS	NPI / NPI		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
<b>RUNWAY 12 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	34:1	NONE		✓
RUNWAY END ELEVATION:			2,456.2	N/A
<b>RUNWAY 30 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	(5) & (6)		NO
APPROACH OBSTRUCTIONS:	34:1	NONE	20:1	✓
RUNWAY END ELEVATION:			2,452.1	N/A
<b>RUNWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED NATIONAL			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
<b>THRESHOLD 12</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	8'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	6' - 7'		NO
COLOR:	RED/GREEN	RED/GREEN		✓
<b>THRESHOLD 30</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	9'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	6' - 7'		NO
COLOR:	RED/GREEN	RED/GREEN		✓

**COMMENTS:**

- (1) DEEPEST PART OF JUGHANDLE CENTERLINES - 200'. DOESN'T MEET PARALLEL TAXIWAY REQ'MTS OR HOLD LINE REQ'MTS
- (2) RW LENGTH OF 5,500' FOR 75% @ 60% LOAD, 7,390' FOR 75% @ 90% LOAD, 6,510' FOR 100% @ 60% LOAD,  
AND 9,120' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 3,350' FOR 75%, 4,100' FOR 95%,  
AND 4,630' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 6,500'
- (3) WINDCONE PENETRATES TRANSITIONAL SURFACE (18%)
- (4) 8' BRUSH 200' FROM RW CL IN OFA AND PRIMARY SURFACE
- (5) SNOW FENCE 250' FROM RUNWAY END IN OFA
- (6) 6' BRUSH 130' SW OF CL AND 120' FROM RW END IN OFA AND PRIMARY SURFACE

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	REQUIRED	ACTUAL	ALP	CONFORM
<b>TAXIWAY INVENTORY</b>				
TAXIWAY WIDTH:	35'	40' & 50'		✓
TAXIWAY SAFETY AREA WIDTH:	79'	(1)		NO
TAXIWAY OBJECT FREE AREA WIDTH:	131'	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1"+		✓
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
<b>TAXIWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	200'		✓
TYPE:	MIRL - STAKE MOUNTED NATIONAL			N/A
CONDITION:		GOOD		N/A
COLOR:	BLUE	BLUE		✓

**MISCELLANEOUS**

TYPE OF BEACON:	SW OF APRON MOUNTED ON 60' METAL TOWER
SIZE OF BEACON:	12"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	12 & 30 ENDS: SEPCO VASI, GOOD COND, 50' OFF PVMT EDGE 2 & 20 ENDS: ADB ALNACO PAPI, GOOD COND, 48' FROM PVMT EDGE (2)
WINDCONE (CONDITION & COMPLIANCE):	400'+ NE OF RW 12/30, LIGHTED, 25'-30' HIGH IN GOOD COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL IN FAIR COND
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	GOOD
SIGNS: (TYPE, CONDITION, PLACEMENT)	TWO LARGE ADB ALNACO, BOTH 25' FROM PVMT, IN GOOD COND EVEN WITH ASSOCIATED HOLD LINES

**COMMENTS:**

(1) 12" CMP ENDS 35' FROM TW CL ON EACH SIDE NEAR 2/20 ENTRANCE

(2) CONCRETE BASES EXPOSED 4"